Introducing Powergate-S

The most effective tool to increase the power of your engine, through the OBDII port, enable you to program the new map in few minutes.

Powergate can be connected to your PC and, with the software included, allows you to download the map the most suitable for your car.
With Powergate you can turn between the original and the modified map, without specific technical knowledges.

Powergate can also be used to find and erase the errors in the memory of your ECU.

Diagnostic port location

Your Powergate communicates with your vehicle via the diagnostic port.

AUDI
Underneath the steering wheel, above the pedal assembly.
For read time allow 20 minutes.
For programming time allow 10 minutes.

FORD
Underneath the steering wheel, above the pedal assembly.
For read time allow 5 minutes.
For programming time allow 5 minutes.

RENAULT
Under the front ashtray in the centre console on the vehicle.
For read time allow 10 minutes.
For programming time allow 5 minutes.

SEAT
Underneath the steering wheel, above the pedal assembly.
For read time allow 20 minutes.
For programming time allow 10 minutes.

SKODA
Underneath the steering wheel, above the pedal assembly.
For read time allow 20 minutes.
For programming time allow 10 minutes.

VW
Underneath the steering wheel, above the pedal assembly.
For read time allow 20 minutes.
For programming time allow 10 minutes.

Warning

- ✓ Each configuration different from the original one must be used only in closed circuits.
- ✓ Don't remove the OBDII connector of your Powergate from the diagnosis connector during the operations.
- ✓ Turn off all electric and electronic devices installed on your car before to connect the Powergate to the diagnosis port.
- ✓ Turn off the engine, go out of gear and put on the hand brake.
- ✓ Throughout reading and writing operations, the fans could start.

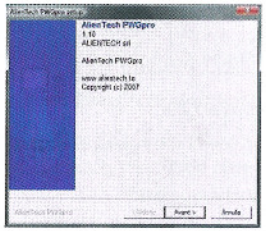
ALIEN TECH electronic performance

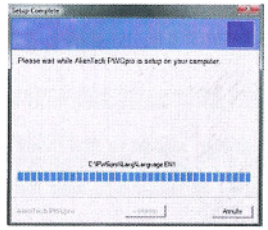
POWERGATE-S USER GUIDE

PWGPro Software

Powergate-S Installation

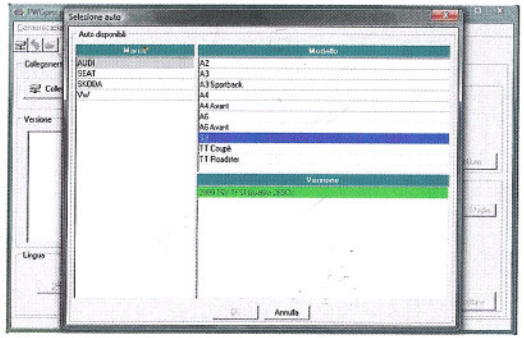
1. Connect the PC to the internet website: www.alientech.to/xnote/pwgpro/pwgdwl.htm
2. Click on the button **Download PWGPRO software** and save the file on your PC.
3. Execute the installation file as soon as downloaded, you will be guides to you during the installation process.
4. Connect Powergate to the PC through cable USB in equipment, to the first connection will be necessary install the driver of USB device, contained in the folder (C:\PWGPro).





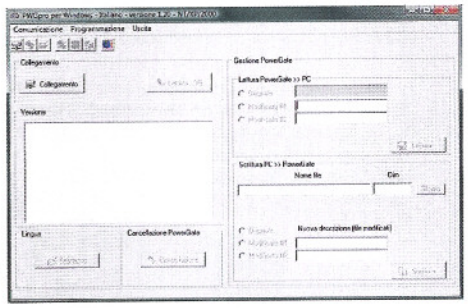
How to use Powergate-S

1. Run PWGPRO software.
2. Connect Powergate unit to PC via USB cable.
3. Click the button **Connection** to start the communication between PC and your Powergate.
4. Choose your specific-car from the list and wait for the installation of the correct firmware.
5. Choose the language that will be shown on the display of yours Powergate and wait the installation of the language.



6. Remove the Powergate unit from USB connector.
7. Locate the diagnostic port in your vehicle.
8. Connect the Powergate's OBDII cable to the diagnostic port. Powergate from this moment is active.
9. Follow the instruction on the display of the Powergate that help you during the reading of the original file.
10. Remove the OBDII cable on your Powergate from the diagnostic port.

11. Connect Powergate unit to PC via USB cable.
12. Run PWGPro software.
13. Click the button **Connection** to start the communication between PC and your Powergate unit.
14. Select the original file and download it on your PC, to click the button **Read**.
15. In order to continue it is necessary to have the modified file.



16. Select the position in which programming the modified file.
17. Insert the name to assign to the modified file.
18. Click the button **Write** and to wait for the end of the operation.
19. Remove the Powergate unit from USB connector.
20. Connect the OBDII cable on your Powergate to the diagnostic port.
21. Choose the operation of writing on the display of the Powergate unit.
22. Select the modified file to program.
23. Follow the instruction on the display of the Powergate that you guide to the writing of the modified file.
24. Remove the OBDII cable on your Powergate from the diagnostic port.

ALIEN TECH electronic performance
POWERGATE-S USER GUIDE
PWGPro Software

Restoring your vehicle's original setting

1. Connect the OBDII cable on your Powergate to the diagnostic port.
2. Choose the operation of writing on the display of the Powergate unit.
3. Select the original file to program.
4. Follow the instruction on the display of the Powergate that you guide to the restore of the original file.
5. Remove the OBDII cable on your Powergate from the diagnostic port.

In order to use Powergate on a new car, included in the list, to continue with the following point:

1. Connect Powergate to the PC through cable USB in equipment.
2. Run PWGPro software.
3. Click the button **Connection** to start the communication between PC and your Powergate unit.
4. Click the button **Erase,** your Powergate is now clean.
5. Repeat the operation described *How to use Powergate*, beginning from point 4.

Diagnostics

On some of the car models listed(the update list is available on our website www.alientech.to), Powergate can read the DTC errors memory and delete it.

The errors deleting function is dignostics, Powergate doesn't solve any defect of the car. We advise you to ask to a qualified technician if the errors erasing don't solve temporary problems.